

## Boiler CSD-1 / Rule FAQs

Q: What is CSD-1 ?

A: CSD-1 refers to the boiler code that addresses periodic testing and maintenance of boiler Controls and Safety Devices such as temperature and pressure controls, water level controls and pressure relief valves. Boiler Rule 408.4027 adopts the CSD-1 code for Michigan boilers.

Q: I got a violation letter that said something like

No documented evidence of triennial (or annual) testing and operational checks of controls and safety devices that were to be conducted by a licensed mechanical contractor. Per Rule 408.4027 and ASME CSD-1.

What do I do?

A: You need to have your boiler serviced by a qualified Mechanical Contractor. A Mechanical Contractor who is qualified to conduct boiler service has a license that includes a limited or unlimited heating service work classification.

Q: How often should my boiler be serviced?

A: High- and low-pressure steam boilers need to be serviced once per year. Hot water heating And some hot water supply boilers should be serviced once every three years, within 12 months of the expiration date printed on the Certificate of Inspection.

Q: How do I locate a qualified Mechanical Contractor

A: You can find a contractor on the BCC website following these directions

Go to [www.michigan.gov/bcc](http://www.michigan.gov/bcc)

In the top bar click "Verify a License"

Click "Construction/Skilled Trades"

Scroll down to "Search for a License"

Go to the "License Type" drop down box and select "Mechanical Contractor"

Go to the bottom of the page and click "Search"

This will list all mechanical contractors licensed in Michigan

Click on the business name (in blue) and the license status and license classifications will be shown

Q: What's the difference between limited and unlimited heating service?

A: Limited heating service is for sectional (cast iron or cast aluminum) boilers with heat inputs up to 1,000,000 btu/hr and other boiler types with heat input up to 400,000 btu/hr  
Unlimited heating service is for any size boiler

Q: My boiler has been serviced; now what?

A: The service technician will leave a copy of the service report in the boiler room or if they give it to you, you should post it in the boiler room because the boiler inspector will be looking

for it during the inspection.

If you received a violation for “No documented evidence....”, you may call the Inspector, their name and number will be at the bottom of the violation letter, or you can scan and e-mail the filled out “CERTIFICATE OF COMPLIANCE” or the service report to our office at [bccblr@michigan.gov](mailto:bccblr@michigan.gov) . You can also mail it to P.O. Box 30254, Lansing Mi., 48909, or FAX to (517) 241-0130

Q: What is the boiler rule that requires CSD-1 boiler maintenance?

A: That would be Rule 408.4027, the inspectors commonly refer to it as “Rule 27”

Rule 27 says in part;

**R 408.4027 Adoption; ASME code CSD-1.**

Rule 27. (1) The owner shall ensure that the installation, maintenance, operation, and testing of controls and safety devices is pursuant to manufacturer’s instructions and ASME code CSD-1, 2009 edition, except as modified by these rules. The code is adopted by reference in these rules and available for inspection at the Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, 2501 Woodlake Circle, Okemos, Michigan 48864 or from the ASME, 22 Law Drive, Fairfield, New Jersey 07007, at a cost as of the time of adoption of these amendatory rules of \$89.00.

(2) An owner or user of a boiler system shall ensure that the maintenance and testing of controls and safety devices is conducted by an individual with a valid mechanical contractor license with the appropriate classification pursuant to the Forbes mechanical contractors act, 1984 PA 192, MCL 338.971 to 338.988. Individuals conducting maintenance and testing shall be under the guidance and supervision of a licensed mechanical contractor.

(3) An owner or user shall provide the inspector, at the time of certificate inspection, with evidence showing the maintenance has been performed and what tests have been completed. The evidence shall be a dated and signed service report or checklist, listing each control and safety device tested with the manufacturer’s name, model number, set point, and actual operational test point. Examples of a report or checklist may be found in CSD-1, 2009 edition, appendix C or example form exhibit A. If an owner does not provide the inspector with the required evidence of maintenance and testing between certificate inspections, then the inspector may issue a certificate of inspection for a term less than that stated in R 408.4057.

Exception: For hot water heating and hot water supply boilers with a BTU input of 400,000 or less, the requirements of this rule need only be conducted once during an inspection cycle but shall be performed within 12 months before the certificate inspection required by R 408.4057(1)(c).